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54 Title: High-Frequency surgical device

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Testing application per § 28b PatG¹ has been submitted.

¹ Translator's Note: PatG = Patentgesetz = German Patent Law

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High-Frequency Surgical Device

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Patent Claim 1:

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High-Frequency (HF) surgical device with an active treatment electrode (f) and a neutral body electrode (m), that may be connected together via the patient, and of which the treatment electrode may be connected via an active line (e), and the body electrode may be connected via a neutral line with the active or neutral output of a HF generator (HF-G), and with a supplemental line (g) that forms a supplemental circuit via a hand-switchable selector switch (h) with at least part of the active line, said circuit including a sensor (R) to switch the HF generator that corresponds to the position or the switch,

characterized in that

a control circuit of the HF generator is assigned to the sensor (22) that switches off the HF generator, or switches the HF generator's output voltage to a small residual voltage, when the sensor in the supplemental current circuit indicates that the switch is closed, that a normally-open switch (15) is provided, and that the supplemental line (17, 17') is connected electrically or at least via an alternating-current resistance (38) with the body electrode (24) whose resistance value is small with respect to the resistance of the patient (25).